

WHAT IS CLAIMED IS:

- 1        1.        A connector for preventing a half fitting condition comprises:
  - 2                  a first connector, including a tab terminal and a projection;
  - 3                  a second connector, including a tab receiving terminal for electrical
  - 4                  connection to the tab terminal and an elastic lock arm for sliding over the
  - 5                  projection when the second connector is fitted into the first connector; and
  - 6                  a fitting detection member, mounted on the second connector so as
  - 7                  to slide in a direction of fitting of the first and second connectors,
  - 8                  wherein the fitting detection member is engaged with the
  - 9                  elastic lock arm in a half fitting condition of the first and second connectors;
  - 10          and
  - 11                  wherein the fitting detection member is slidable to a
  - 12          completely-fitted detecting position in a completely-fitted condition of the male
  - 13          and second connectors,
  - 14                  wherein a reduction member which reduce a frictional force generated
  - 15                  by a contact between the projection and the elastic lock arm is formed on at
  - 16                  least one of the projection and the elastic lock arm.
- 1        2.        The connector as set forth in claim 1, wherein the reduction member  
2                  has a recessed portion which reduces a contact area between the projection  
3                  and the elastic lock arm during the elastic lock arm slides over the projection.
- 1        3.        The connector as set forth in claim 2, wherein the recessed portion is  
2                  formed in a shape that the contact area is decreased gradually in accordance

3 with a proceeding of the fitting movement of the first and second connector.

1 4. The connector as set forth in claim 2, wherein the recessed portion  
2 has a curved shape in cross section.

1 5. The connector as set forth in claim 2, wherein the recessed portion  
2 has either a rectangular shape or a triangular shape in cross section.

1 6. The connector as set forth in claim 1, wherein the reduction member  
2 has at least one rib portion.